



APR 21 2006
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PTO/SB/17 (12-04v2)

Approved for use through 7/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person are required to respond to a collection of information unless it displays a valid OMB control number.

| | | | |
|---|--|--------------------------|------------------------|
| Effective on 12/08/2004. Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818). FEE TRANSMITTAL For FY 2005 | | Complete if Known | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27 | | Application Number | 10/544,100 -Conf.#7501 |
| TOTAL AMOUNT OF PAYMENT | | Filing Date | August 2, 2005 |
| (\$) | | First Named Inventor | Tsunehiro Takeda |
| 130.00 | | Examiner Name | Not Yet Assigned |
| | | Art Unit | N/A |
| | | Attorney Docket No. | NAG-0127 |

| | |
|---|--|
| METHOD OF PAYMENT (check all that apply) | |
| <input type="checkbox"/> Check | <input type="checkbox"/> Credit Card |
| <input type="checkbox"/> Money Order | <input type="checkbox"/> None |
| <input type="checkbox"/> Other (please identify): _____ | |
| <input checked="" type="checkbox"/> Deposit Account | Deposit Account Number: <u>18-0013</u> Deposit Account Name: <u>Rader, Fishman & Grauer PLLC</u> |
| For the above-identified deposit account, the Director is hereby authorized to: (check all that apply) | |
| <input checked="" type="checkbox"/> Charge fee(s) indicated below | <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee |
| <input checked="" type="checkbox"/> Charge any additional fee(s) or underpayment of fee(s) under 37 CFR 1.16 and 1.17 | <input checked="" type="checkbox"/> Credit any overpayments |

| | | | | | | | |
|---|---------------------|---|----------------------|----------------------------------|-------------------------|-----------------------|-----------------------|
| FEE CALCULATION | | | | | | | |
| 1. BASIC FILING, SEARCH, AND EXAMINATION FEES | | | | | | | |
| | FILING FEES | | SEARCH FEES | | EXAMINATION FEES | | |
| | | Small Entity | | Small Entity | | Small Entity | |
| Application Type | Fee (\$) | Fee (\$) | Fee (\$) | Fee (\$) | Fee (\$) | Fee (\$) | Fees Paid (\$) |
| Utility | 300 | 150 | 500 | 250 | 200 | 100 | |
| Design | 200 | 100 | 100 | 50 | 130 | 65 | |
| Plant | 200 | 100 | 300 | 150 | 160 | 80 | |
| Reissue | 300 | 150 | 500 | 250 | 600 | 300 | |
| Provisional | 200 | 100 | 0 | 0 | 0 | 0 | |
| 2. EXCESS CLAIM FEES | | | | | | | |
| | | | | | | Small Entity | |
| | | | | | | Fee (\$) | Fee (\$) |
| Fee Description | | | | | | | |
| Each claim over 20 (including Reissues) | | | | | | 50 | 25 |
| Each independent claim over 3 (including Reissues) | | | | | | 200 | 100 |
| Multiple dependent claims | | | | | | 360 | 180 |
| Total Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | Multiple Dependent Claims | | | |
| | | | | Fee (\$) | Fee Paid (\$) | | |
| Indep. Claims | Extra Claims | Fee (\$) | Fee Paid (\$) | | | | |
| | | | | | | | |
| 3. APPLICATION SIZE FEE | | | | | | | |
| If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s). | | | | | | | |
| Total Sheets | Extra Sheets | Number of each additional 50 or fraction thereof | | Fee (\$) | Fee Paid (\$) | | |
| | | | | | | | |
| 4. OTHER FEE(S) | | | | | | | |
| | | | | | | Fees Paid (\$) | |
| Non-English Specification, \$130 fee (no small entity discount) | | | | | | | |
| Other (e.g., late filing surcharge): <u>1051 Surcharge-Late oath or declaration</u> | | | | | | 130.00 | |

| | | | |
|---------------------|--------------------------|-----------------------------------|----------------|
| SUBMITTED BY | | | |
| Signature | | Registration No. (Attorney/Agent) | 57,199 |
| Name (Print/Type) | Christopher J. Wickstrom | Telephone | (202) 955-3750 |
| | | Date | April 21, 2006 |

04/26/2006 LLANDGRA 00000061 180013 10544100

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Docket No.: NAG-0127
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Tsunehiro Takeda

Application No.: 10/544,100

Filed: August 2, 2005

For: A CIRCULATION TYPE LIQUID HELIUM
RECONDENSATION DEVICE WITH A
CONTAMINANT-PURGING FUNCTION, A
CONTAMINANT-PURGING METHOD, AND
THE REFINERS AND TRANSFER TUBES
USED IN THE DEVICE

Confirmation No.: 7501

Art Unit: N/A

Examiner: Not Yet Assigned

RESPONSE TO NOTICE TO FILE MISSING PARTS OF APPLICATION

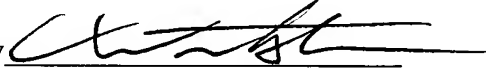
MS Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notification of Missing Requirements of Application dated March 15, 2006. Applicant respectfully submits a Declaration, and Part 2 Copy of Notice. The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Deposit Account No. 18-0013, under Order No. NAG-0127. A duplicate copy of this paper is enclosed.

Dated: April 21, 2006

Respectfully submitted,

By 

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(202) 955-3750



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

| | | |
|---|---|------------------------------|
| U.S. APPLICATION NUMBER NO. 10/544,100 | FIRST NAMED APPLICANT Tsunehiro Takeda | ATTY. DOCKET NO. NAG-0127 |
|---|---|------------------------------|

23353
 RADER FISHMAN & GRAUER PLLC
 LION BUILDING
 1233 20TH STREET N.W., SUITE 501
 WASHINGTON, DC 20036

| | |
|---|-----------------------------|
| INTERNATIONAL APPLICATION NO. PCT/JP03/11886 | |
| I.A. FILING DATE 09/18/2003 | PRIORITY DATE 02/03/2003 |



CONFIRMATION NO. 7501
 371 FORMALITIES LETTER



Date Mailed: 03/15/2006

44: 80225-0127

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 08/02/2005
- English Translation of the IA filed on 08/02/2005
- Copy of the International Search Report filed on 08/02/2005
- Preliminary Amendments filed on 08/02/2005
- Information Disclosure Statements filed on 08/02/2005
- Oath or Declaration filed on 08/02/2005
- Request for Immediate Examination filed on 08/02/2005
- U.S. Basic National Fees filed on 08/02/2005
- Priority Documents filed on 08/02/2005
- Specification filed on 08/02/2005
- Claims filed on 08/02/2005
- Abstracts filed on 08/02/2005
- Drawings filed on 08/02/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date. The current oath or declaration does not comply with 37 CFR 1.497(a) and (b) in that it:
 - is not executed in accordance with either 37 CFR 1.66 or 37 CFR 1.68.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath

✓

or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

VONDA M WALLACE

Telephone: (703) 308-9140 EXT 225

PART 1 - ATTORNEY/APPLICANT COPY

| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/544,100 | PCT/JP03/11886 | NAG-0127 |